

Partial Dark Fiber Available

PROVIDER	LONG HAUL NETWORK	SC METRO NETWORKS
DukeNet	yes	yes
PalmettoNet	yes	yes
ITC DeltaCom	yes	yes
Level3 Communications	yes	no
Qwest	yes	no
XO Communications	yes	no

No Dark Fiber Available

PROVIDER

Comcast
Time Warner Telecom
Time Warner Cable
Verizon
ATT
Progress Telecom
Telcove
Sprint

Hybrid "lit" and "dark" Service Concept

Purely for budgetary comparison purposes, we asked DukeNet to provide an indication of lit service pricing.

Please see schematic shown below; the network basically consists of a single 10G ring that connects all primary HSSC sites. This connectivity is achieved by provisioning a 10G lambda on the long haul backbone, then connecting the long haul POPs to the HSSC premises via 2 strands of metro dark fiber. Note that DukeNet claim to provide a similar service based on their association with NCREN (North Carolina Research and Education Network).

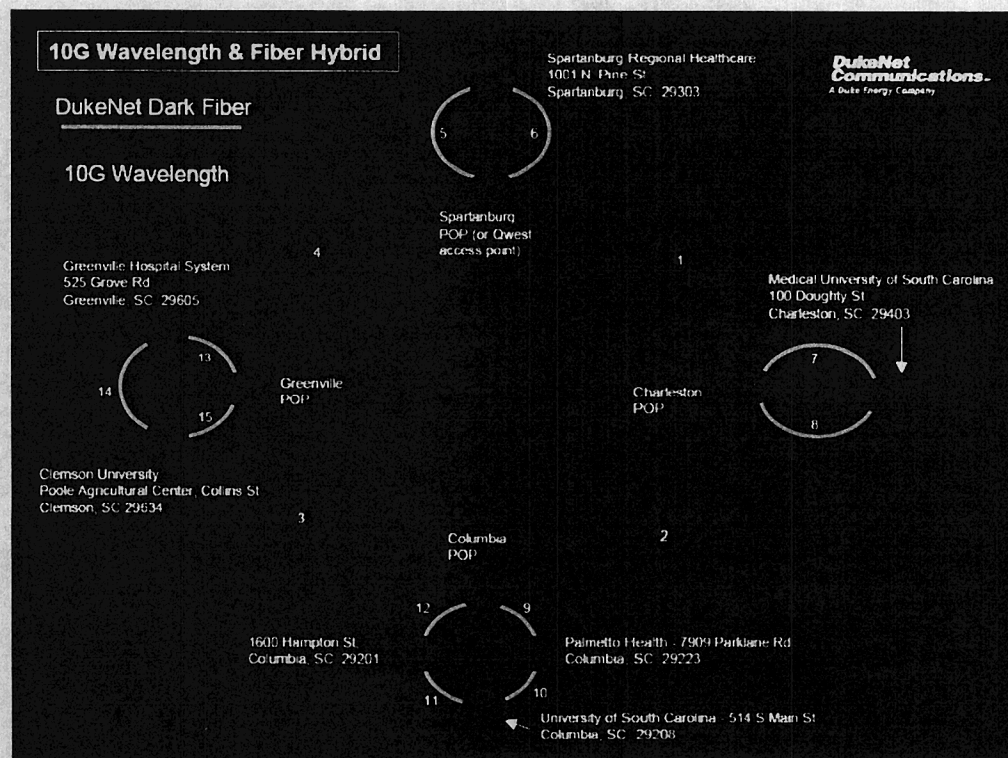
DukeNet's indicative pricing (inclusive of installation of diverse fiber to HSSC premises):

5-yr term: \$180,000 MRC

7-yr term: \$160,000 MRC

10-yr term: \$140,000 MRC

Note it is likely that the provider would alternatively offer a payment plan with reduced MRC in return for an upfront payment should that be of interest. Upon HSSC's decision to proceed to RFQ, DukeNet would perform detailed engineering to review how this pricing could be improved upon. It is also likely that further study of HSSC's expected traffic patterns will significantly change the architecture and price of the network.



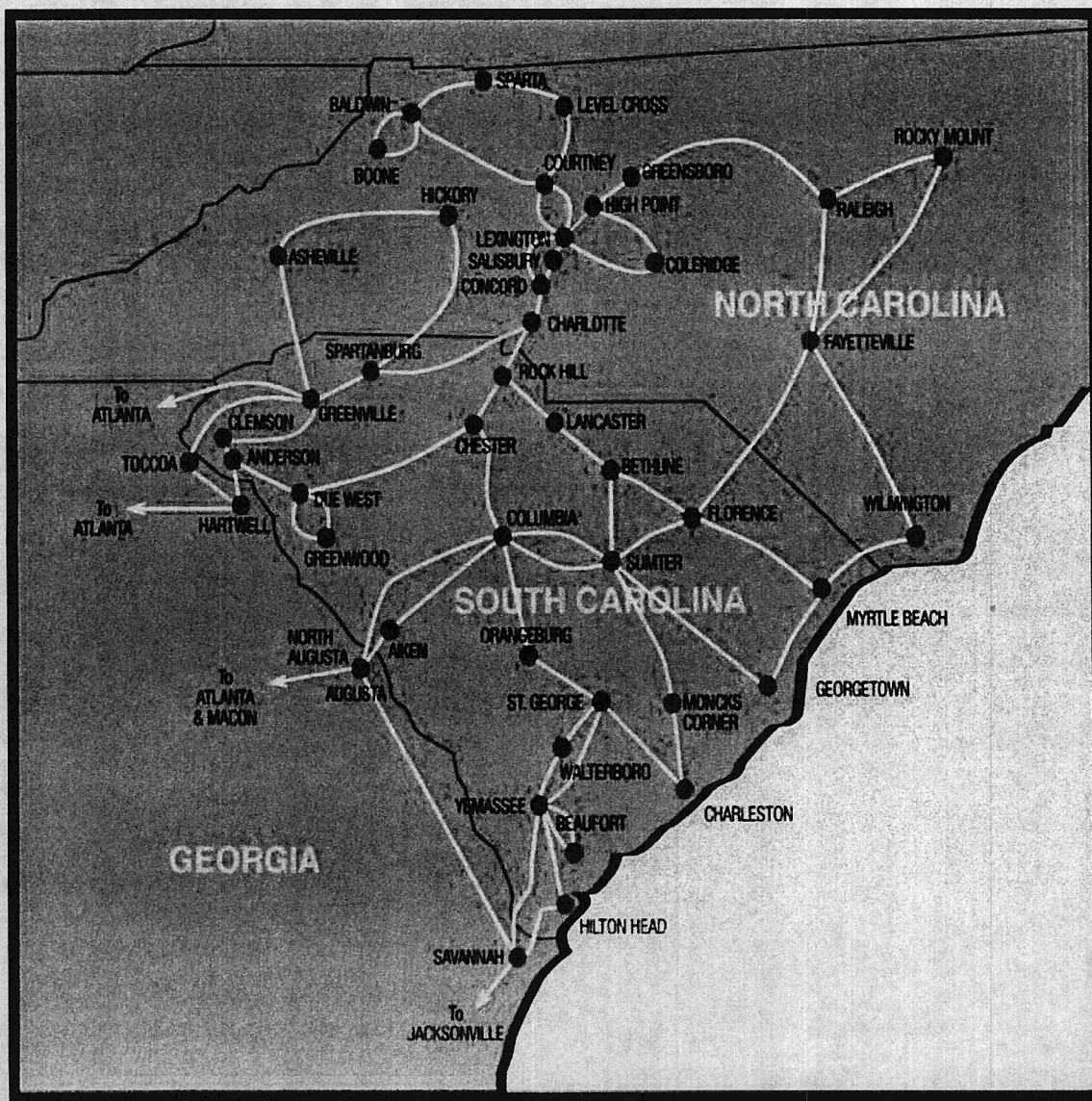
HSSC Primary Locations

<u>Primary Location(s)</u>	<u>Address</u>
Spartanburg Regional Healthcare System	1001 N. Pine St Spartanburg, SC 29303
Palmetto Health	7909 Parklane Rd Columbia, SC 29223
Medical University of South Carolina	100 Doughty St Charleston, SC 29403
Clemson University	Poole Agricultural Center, Collins St Clemson, SC 29634
University of South Carolina	514 S Main St Columbia, SC 29208
	1600 Hampton St, Columbia, SC 29201
Greenville Hospital System	525 Grove Rd Greenville, SC 29605

Sub-Appendix C-1: PalmettoNet

PalmettoNet is focused primarily on the South Carolina market, and their South Carolina long-haul fiber network is shown below. PalmettoNet has metro fiber networks in Columbia, Charleston, Greenville, and Spartanburg (but indicated no availability of dark fiber for sale).

However, PalmettoNet's long-haul network has a Point of Presence in 29 markets in South Carolina, making them a well-positioned alternative for providing lit services. PalmettoNet offers both Ethernet (1G – 10G) and SONET (DS1 – OC192).



Sub-Appendix C-2: DukeNet

DukeNet is focused primarily on the Carolinas markets, and their long-haul fiber network is shown below. DukeNet has metro fiber networks in Columbia, Charleston, Greenville, and Spartanburg, and is willing to construct fiber laterals and sell dark fiber, subject to inventory. Their long haul fiber network is more constrained, and only strands on the Savannah – Raleigh segments are available.

DukeNet is also well-positioned for providing lit services, which is more their focus, offering SONET (DS1 – OC192) on protected and unprotected (wave) basis.



Sub-Appendix C-3: Telcove

Telcove operates throughout the Eastern and Southern US, and their South Carolina long-haul fiber network is shown below. Telcove has metro networks in Columbia, Charleston, Greenville, and Spartanburg.

Telcove has been acquired by Level3 Communications, which is expected to finalize in 3Q'06. If timing permits, with an integration of Level3's existing network, Progress', and Telcove's, it would be advisable to re-visit the request to Level3 both for dark fiber and lit services.

